

3-15-01

A

Please type a plus sign (+) inside this box ➔ +

PTO/SB/05 (11-00)
Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	71811P005
First Inventor	Kaveh Shakeri
Title	LOW POWER PASSIVE CORRELATORS FOR MULTICHANNEL
Express Mail Label No.	EL851137217US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 39]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
5. Oath or Declaration [Total Pages 1]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application Information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number of Bar Code Label



08791

PATENT TRADEMARK OFFICE

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	

Name (Print/Type)	Thinh V. Nguyen	Registration No. (Attorney/Agent)	42,034
Signature		Date	03/13/01

Burden Hour Statement This form is estimated to take 0.7 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2000</h2> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision</p>		Complete if Known	
TOTAL AMOUNT OF PAYMENT (\$) 580.00		Application Number Filing Date March 13, 2001 First Named Inventor Kaveh Shakeri Examiner Name Group/Art Unit Attorney Docket No. 71811P005	

METHOD OF PAYMENT (check one) 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to. <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Deposit Account Number 02-2666</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP</div> <input checked="" type="checkbox"/> Charge Any Additional Fee(s) Required Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20 <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other	FEE CALCULATION (continued) 3. ADDITIONAL FEE <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105 130</td> <td>205 65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50</td> <td>227 25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>139 130</td> <td>139 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520</td> <td>147 2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112 920*</td> <td>112 920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113 1,840*</td> <td>113 1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115 110</td> <td>215 55</td> <td>Extension for response within first month</td> <td></td> </tr> <tr> <td>116 390</td> <td>216 195</td> <td>Extension for response within second month</td> <td></td> </tr> <tr> <td>117 890</td> <td>217 445</td> <td>Extension for response within third month</td> <td></td> </tr> <tr> <td>118 1,390</td> <td>218 695</td> <td>Extension for response within fourth month</td> <td></td> </tr> <tr> <td>128 1,890</td> <td>228 945</td> <td>Extension for response within fifth month</td> <td></td> </tr> <tr> <td>119 310</td> <td>219 155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120 310</td> <td>220 155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 270</td> <td>221 135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138 1,510</td> <td>138 1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140 110</td> <td>240 55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141 1,240</td> <td>241 620</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142 1,240</td> <td>242 620</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143 440</td> <td>243 220</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144 600</td> <td>244 300</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122 130</td> <td>122 130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123 50</td> <td>123 50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126 180</td> <td>126 180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581 40</td> <td>581 40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146 710</td> <td>246 355</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149 710</td> <td>249 355</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179 710</td> <td>279 355</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169 900</td> <td>169 900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="2">Other fee (specify) _____</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Other fee (specify) _____</td> <td></td> <td></td> </tr> <tr> <td colspan="2">* Reduced by Basic Filing Fee Paid</td> <td></td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (3)</td> <td style="text-align: right;">(\$)</td> <td></td> </tr> </tbody> </table>	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			105 130	205 65	Surcharge - late filing fee or oath		127 50	227 25	Surcharge - late provisional filing fee or cover sheet.		139 130	139 130	Non-English specification		147 2,520	147 2,520	For filing a request for reexamination		112 920*	112 920*	Requesting publication of SIR prior to Examiner action		113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		115 110	215 55	Extension for response within first month		116 390	216 195	Extension for response within second month		117 890	217 445	Extension for response within third month		118 1,390	218 695	Extension for response within fourth month		128 1,890	228 945	Extension for response within fifth month		119 310	219 155	Notice of Appeal		120 310	220 155	Filing a brief in support of an appeal		121 270	221 135	Request for oral hearing		138 1,510	138 1,510	Petition to institute a public use proceeding		140 110	240 55	Petition to revive - unavoidable		141 1,240	241 620	Petition to revive - unintentional		142 1,240	242 620	Utility issue fee (or reissue)		143 440	243 220	Design issue fee		144 600	244 300	Plant issue fee		122 130	122 130	Petitions to the Commissioner		123 50	123 50	Petitions related to provisional applications		126 180	126 180	Submission of Information Disclosure Stmt		581 40	581 40	Recording each patent assignment per property (times number of properties)		146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))		149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))		179 710	279 355	Request for Continued Examination (RCE)		169 900	169 900	Request for expedited examination of a design application		Other fee (specify) _____				Other fee (specify) _____				* Reduced by Basic Filing Fee Paid				SUBTOTAL (3)		(\$)	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																						
Fee Code	Fee Code																																																																																																																																								
105 130	205 65	Surcharge - late filing fee or oath																																																																																																																																							
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																							
139 130	139 130	Non-English specification																																																																																																																																							
147 2,520	147 2,520	For filing a request for reexamination																																																																																																																																							
112 920*	112 920*	Requesting publication of SIR prior to Examiner action																																																																																																																																							
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action																																																																																																																																							
115 110	215 55	Extension for response within first month																																																																																																																																							
116 390	216 195	Extension for response within second month																																																																																																																																							
117 890	217 445	Extension for response within third month																																																																																																																																							
118 1,390	218 695	Extension for response within fourth month																																																																																																																																							
128 1,890	228 945	Extension for response within fifth month																																																																																																																																							
119 310	219 155	Notice of Appeal																																																																																																																																							
120 310	220 155	Filing a brief in support of an appeal																																																																																																																																							
121 270	221 135	Request for oral hearing																																																																																																																																							
138 1,510	138 1,510	Petition to institute a public use proceeding																																																																																																																																							
140 110	240 55	Petition to revive - unavoidable																																																																																																																																							
141 1,240	241 620	Petition to revive - unintentional																																																																																																																																							
142 1,240	242 620	Utility issue fee (or reissue)																																																																																																																																							
143 440	243 220	Design issue fee																																																																																																																																							
144 600	244 300	Plant issue fee																																																																																																																																							
122 130	122 130	Petitions to the Commissioner																																																																																																																																							
123 50	123 50	Petitions related to provisional applications																																																																																																																																							
126 180	126 180	Submission of Information Disclosure Stmt																																																																																																																																							
581 40	581 40	Recording each patent assignment per property (times number of properties)																																																																																																																																							
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																							
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																							
179 710	279 355	Request for Continued Examination (RCE)																																																																																																																																							
169 900	169 900	Request for expedited examination of a design application																																																																																																																																							
Other fee (specify) _____																																																																																																																																									
Other fee (specify) _____																																																																																																																																									
* Reduced by Basic Filing Fee Paid																																																																																																																																									
SUBTOTAL (3)		(\$)																																																																																																																																							

1. BASIC FILING FEE																																																			
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>101 710</td> <td>201 355</td> <td>Utility filing fee</td> <td>355.00</td> </tr> <tr> <td>106 320</td> <td>206 160</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107 490</td> <td>207 245</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108 710</td> <td>208 355</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114 150</td> <td>214 75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">(\$)</td> <td>355.00</td> </tr> </tbody> </table>	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			101 710	201 355	Utility filing fee	355.00	106 320	206 160	Design filing fee		107 490	207 245	Plant filing fee		108 710	208 355	Reissue filing fee		114 150	214 75	Provisional filing fee		SUBTOTAL (1)		(\$)	355.00																			
Large Entity	Small Entity	Fee Description	Fee Paid																																																
Fee Code	Fee Code																																																		
101 710	201 355	Utility filing fee	355.00																																																
106 320	206 160	Design filing fee																																																	
107 490	207 245	Plant filing fee																																																	
108 710	208 355	Reissue filing fee																																																	
114 150	214 75	Provisional filing fee																																																	
SUBTOTAL (1)		(\$)	355.00																																																
2. EXTRA CLAIM FEES																																																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Total Claims</td> <td style="width: 10%;">45</td> <td style="width: 10%;">- 20</td> <td style="width: 10%;">= 25</td> <td style="width: 10%;">X 9.00</td> <td style="width: 10%;">= \$225.00</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>- 3**</td> <td>= 0</td> <td>X 40.00</td> <td>=</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p style="font-size: x-small;">**or number previously paid, if greater, For Reissues, see below</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>103 18</td> <td>203 9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102 80</td> <td>202 40</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104 270</td> <td>204 135</td> <td>Multiple Dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109 80</td> <td>209 40</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110 18</td> <td>210 9</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (2)</td> <td style="text-align: right;">(\$)</td> <td>225.00</td> </tr> </tbody> </table>		Total Claims	45	- 20	= 25	X 9.00	= \$225.00	Independent Claims	3	- 3**	= 0	X 40.00	=	Multiple Dependent						Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			103 18	203 9	Claims in excess of 20		102 80	202 40	Independent claims in excess of 3		104 270	204 135	Multiple Dependent claim, if not paid		109 80	209 40	**Reissue independent claims over original patent		110 18	210 9	**Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)		(\$)	225.00
Total Claims	45	- 20	= 25	X 9.00	= \$225.00																																														
Independent Claims	3	- 3**	= 0	X 40.00	=																																														
Multiple Dependent																																																			
Large Entity	Small Entity	Fee Description	Fee Paid																																																
Fee Code	Fee Code																																																		
103 18	203 9	Claims in excess of 20																																																	
102 80	202 40	Independent claims in excess of 3																																																	
104 270	204 135	Multiple Dependent claim, if not paid																																																	
109 80	209 40	**Reissue independent claims over original patent																																																	
110 18	210 9	**Reissue claims in excess of 20 and over original patent																																																	
SUBTOTAL (2)		(\$)	225.00																																																

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Thinh V. Nguyen	Registration No. (Attorney/Agent)	42,034
Signature		Telephone	(714) 557-3800
		Date	03/13/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.